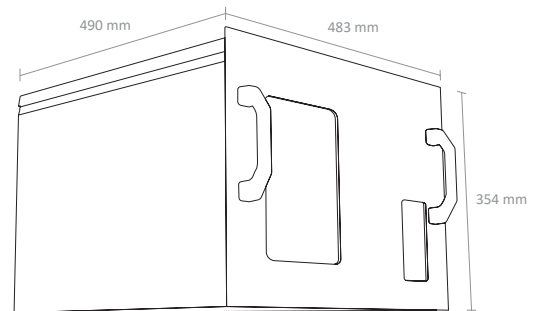


# Enapter Electrolyser Module EL 2.0



Enapter's patented Anion Exchange Membrane electrolyser requires no noble metals to achieve good performance and lifetime. It also has a simple balance of plant to produce high quality, pressurized hydrogen gas at low cost.

## Key Features

- High efficiency
- Automated & remote operation with Enapter Energy Management System
- Low requirements for input water purity
- Perfect for decentralized on-site production
- Modules can be easily integrated in 19" racks
- Safe operation

- Fast cold start and ramp up time
- Scalable and modular, add as many modules as needed
- Quick and easy installation
- Low maintenance requirements
- Small footprint thanks to compact design

# Specifications

Hydrogen production rate	500 NL/hr 1.0785 kg /24 hr
Output pressure	Up to 35 bar
Hydrogen output purity	> 99.95% > 99.999% (with optional Dryer)
Operative power consumption (at standard conditions)	2.4 kW
Peak power consumption (max. power draw at any time)	3.0 kW
Standard power supply	AC 200-240 Vac, 50/60 Hz
Water consumption	0.4 L/hr
Water specification	< 20 µS/cm (at 25°C)
Water input pressure	1-4 bar
Ambient temperature	5-45°C
Ambient humidity	20-95%, non-condensing
Module dimensions	WxDxH in mm = 483 x 490 x 354 (8U)
Module weight (without water)	54 kg
Operation	Fully automatic with Enapter's EMS, Modbus

## Optional Equipment

- Dryer 2.0
- Water Tank Module
- Water Purification System
- 19" Cabinet Integration

## Applications / Use Cases / Markets

- Energy storage (residential, commercial, island systems)
- Back-up for critical infrastructure
- Mobility and refuelling
- Industrial uses
- Power-to-Gas
- Power-to-Heat